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PATIENT EDUCATION GUIDE

Cephadex 500mg

Your Guide to Cephalexin Therapy

- A trusted first-generation cephalosporin antibiotic
- Contains cephalexin, active against many bacteria strains
- Treats skin, urinary, respiratory & bone infections
- Available in capsule form for oral dosing
- This guide covers uses, dosage, safety & precautions

PRODUCT OVERVIEW

What Is Cephadex 500mg?

- Oral capsule containing cephalexin, a cephalosporin-class antibiotic
- Broad-spectrum action **against gram-positive bacteria**
- Also effective against some gram-negative bacteria strains
- Manufactured by Cipla under strict quality standards
- Prescribed widely for common bacterial infections

MECHANISM OF ACTION

How Cephadex Works Inside the Body

- Binds to penicillin-binding proteins in bacterial cell walls
- Blocks synthesis of peptidoglycan, a key wall component
- Weakened walls can't withstand internal osmotic pressure
- This leads to bacterial cell lysis and death
- Begins working within about 1 hour of taking it

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Common Uses: Respiratory & Urinary Infections

Treats **respiratory infections** like pneumonia and bronchitis

Often used as a first-line **bacterial treatment**

Effective for urinary tract infections (UTIs)

Effects typically last 6 to 8 hours per dose

Suitable for both adult and pediatric patients

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More Uses: Skin, Ear & Bone Infections

Treats skin infections such as cellulitis and impetigo

Helps clear infections affecting soft tissue too

Commonly prescribed for ear infections (otitis media)

Dosage adjusted based on infection type and severity

Used for bone and joint infections like osteomyelitis

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Dosage & Administration Guidelines

- Standard adult dose is 500mg every 6 to 12 hours
- Exact frequency depends on your physician's order
- Available in multiple pack sizes for convenience
- Complete the full course as prescribed
- Never adjust dosage without medical guidance

ADMINISTRATION TIPS

How to Take Cephadex Correctly

- Well absorbed orally, works quickly in the body
- Widely distributed throughout body tissues
- Primarily excreted unchanged through the urine
- Can be taken alone or combined with other treatments
- Store at room temperature away from moisture & sunlight

SAFETY INFORMATION

Common Side Effects

Nausea and vomiting are common mild reactions

Diarrhea may occur during antibiotic treatment

Some patients experience abdominal pain or rash

Most side effects are temporary and manageable

Contact your doctor if symptoms persist or worsen

SAFETY INFORMATION

Serious Side Effects & Allergic Reactions

Watch for signs of severe **allergic reaction**s

Kidney issues may occur in rare cases

Liver damage is a rare but serious risk

Avoid if allergic to penicillin or cephalosporins

Seek immediate care for any severe reaction

SAFETY INFORMATION

Drug Interactions to Know

Nephrotoxic drugs like aminoglycosides raise kidney risk

Probenecid can increase cephalexin levels in blood

Antacids may impair proper drug absorption

Alcohol isn't a direct interaction but isn't advised

Always disclose all medications to your doctor

SAFETY INFORMATION

Precautions Before Use

- Avoid if allergic to penicillin or cephalosporins
- Consult your doctor if pregnant or breastfeeding
- Dose adjustment needed for kidney-related issues
- Inform your doctor of any hepatic conditions
- Limit alcohol to support faster, safer recovery

FINAL SAFETY CHECKLIST

When to See a Doctor

- Disclose any drug allergies before starting treatment
- Report persistent nausea, vomiting, or diarrhea
- Seek help for signs of severe allergic reaction
- Watch for signs of kidney or liver problems
- Always consult a healthcare provider before use

Educational content only — not a substitute for professional medical advice.

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THANK YOU